

3/31/04

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/815,083
Filing Date	March 31, 2004
First Named Inventor	SALMAN AKRAM
Art Unit	2891
Examiner Name	LOAN THAI
Attorney Docket Number	97-1363.5

Sheet 1 of 4

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
LT	A	US- 5,046,239	09/10/1991	Miller	
	B	US- 5,063,177	11/05/1991	Geller et al.	
	C	US- 5,172,050	12/15/1992	Swapp	
	D	US- 5,222,014	06/22/1993	Lin	
	E	US- 5,229,647	07/20/1993	Gnadinger	
	F	US- 5,236,551	08/17/1993	Pan	
	G	US- 5,249,450	10/05/1993	Wood et al.	
	H	US- 5,404,044	04/04/1995	Booth et al.	
	I	US- 5,420,520	05/30/1995	Anschel et al.	
	J	US- 5,426,072	06/20/1995	Finnila	
	K	US- 5,483,741	01/16/1996	Akram et al.	
	L	US- 5,484,647	01/16/1996	Nakatani et al.	
	M	US- 5,487,999	01/30/1996	Farnworth	
	N	US- 5,528,080	06/18/1996	Goldstein	
	O	US- 5,541,525	07/30/1996	Wood et al.	
	P	US- 5,557,844	09/24/1996	Bhatt et al.	
	Q	US- 5,578,526	11/26/1996	Akram et al.	
	R	US- 5,592,736	01/14/1997	Akram et al.	
LT	S	US- 5,607,818	03/04/1997	Akram et al.	

**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

Date

Considered

5/19/05

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	2	of	4
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**Complete if Known**

Application Number	60/815,083
Filing Date	March 31, 2004
First Named Inventor	SALMAN AKRAM
Art Unit	2891
Examiner Name	
Attorney Docket Number	97-1363.5

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		Number-Kind Code <sup>2</sup> (if known)			
LT	T	US- 5,633,122	05/27/1997	Tuttle	
	U	US- 5,634,267	06/03/1997	Farnworth et al.	
	V	US- 5,674,785	10/07/1997	Akram et al.	
	W	US- 5,686,317	11/11/1997	Akram et al.	
	X	US- 5,716,218	02/10/1998	Farnworth et al.	
	Y	US- 5,739,585	04/14/1998	Akram et al.	
	AA	US- 5,781,022	07/14/1998	Wood et al.	
	AB	US- 5,783,461	07/14/1998	Hembree	
	AC	US- 5,783,865	07/21/1998	Higashiguchi et al.	
	AD	US- 5,796,590	08/18/1998	Klein	
	AE	US- 5,801,452	009/01/1998	Farnworth et al.	
	AF	US- 5,815,000	09/29/1998	Farnworth et al.	
	AG	US- 5,834,945	11/10/1998	Akram	
	AH	US- 5,869,974	02/09/1999	Akram et al.	
	AI	US- 5,870,289	02/09/1999	Tokuda et al.	
	AJ	US- 5,876,580	03/02/1999	Lykins	
	AK	US- 5,878,485	03/09/1999	Wood et al.	
	AL	US- 5,896,036	04/20/1999	Wood et al.	
LT	AM	US- 5,915,977	06/19/1999	Hembree et al.	

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Sheet 3

of 4

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Application Number	60/815,083
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First Named Inventor	SALMAN AKRAM
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		US	Number-Kind Code <sup>2</sup> (if known)			
LT	AN	US	5,929,647	07/17/1999	Akram et al.	
	AO	US	5,931,685	08/03/1999	Hembree et al.	
	AP	US	5,936,847	08/10/1999	Kazle	
	AQ	US	5,952,840	09/14/1999	Farnworth et al.	
	AR	US	5,962,921	10/05/1999	Farnworth et al.	
	AS	US	6,013,948	01/11/2000	Akram et al.	
	AT	US	6,040,702	03/21/2000	Hembree et al.	
	AU	US	6,107,109	08/22/2000	Akram et al.	
	AV	US	6,107,119	08/22/2000	Farnworth et al.	
	AW	US	6,114,240	09/05/2000	Akram et al.	
	AX	US	6,162,997	12/19/2000	Memis	
	AY	US	6,294,837 B1	09/25/2001	Akram et al.	
	AZ	US	6,353,328 B2	03/05/2002	Akram et al.	
	BA	US	6,356,098 B1	03/12/2002	Akram et al.	
	BB	US	6,362,637 B2	03/26/2002	Farnworth et al.	
	BC	US	6,400,172 B1	06/04/2002	Akram et al.	
	BD	US	6,417,685 B1	07/09/2002	Akram et al.	
	BE	US	6,437,591 B1	08/20/2002	Farnworth et al.	
LT	BF	US	6,451,624 B1	09/17/2002	Farnworth et al.	

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		Country Code <sup>3</sup>	Number-Kind Code <sup>4</sup> (if known)				

Examiner Signature	<i>Uthman</i>	Date Considered	5/17/05
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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	60/815,083
		Filing Date	March 31, 2004
		First Named Inventor	SALMAN AKRAM
		Art Unit	2891
		Examiner Name	
Sheet 4 of 4	Attorney Docket Number	97-1363.5	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
LT	BG	T. R. ANTHONY. "Forming Electrical Interconnections Through Semiconductor Wafers", American Institute of Physics, 1981, pgs 5340-5349.	

Examiner Signature		Date Considered	5/19/05
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Application Number	10/815,083
Filing Date	March 31, 2004
First Named Inventor	SALMAN AKRAM
Art Unit	2891
Examiner Name	Man Thon
Attorney Docket Number	97-1363.5

Sheet 1 of 1

**U. S. PATENT DOCUMENTS**

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		Number-Kind Code <sup>2</sup> (if known)			
L	A	US- 5,959,840	09/28/1999	Collins et al.	
	B	US- 6,082,605	07/04/2000	Farnworth	
	C	US- 6,372,624 B1	04/16/2002	Farnworth et al.	
	D	US- 6,589,594 B1	07/08/2003	Hembree	
	E	US- 6,620,731 B1	09/16/2003	Farnworth et al.	
LT	F	US- 6,637,638 B1	10/28/2003	Farnworth et al.	
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Application Number	10/815,083
Filing Date	03/31/2004
First Named Inventor	SALMAN AKRAM
Art Unit	2811 2891
Examiner Name	Mani Khan
Attorney Docket Number	97-1363.5

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